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Product Datasheet

Rat GHRL(Ghrelin) ELISA Kit EBT-ELK1944

Article Name	Rat GHRL(Ghrelin) ELISA Kit
Biozol Catalog Number	EBT-ELK1944
Supplier Catalog Number	ELK1944
Alternative Catalog Number	EBT-ELK1944-96, EBT-ELK1944-48, EBT-ELK1944-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	53.9 pg/mL
UniProt	Q9UBU4
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Signal transduction, Metabolic pathway, Endocrinology, Gastroenterology, Hormone metabolism, .

Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat GHRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GHRL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Rat GHRL in the samples is then determined by comparing the OD of the samples to the standard curve